

Figure 1

TOP SECRET

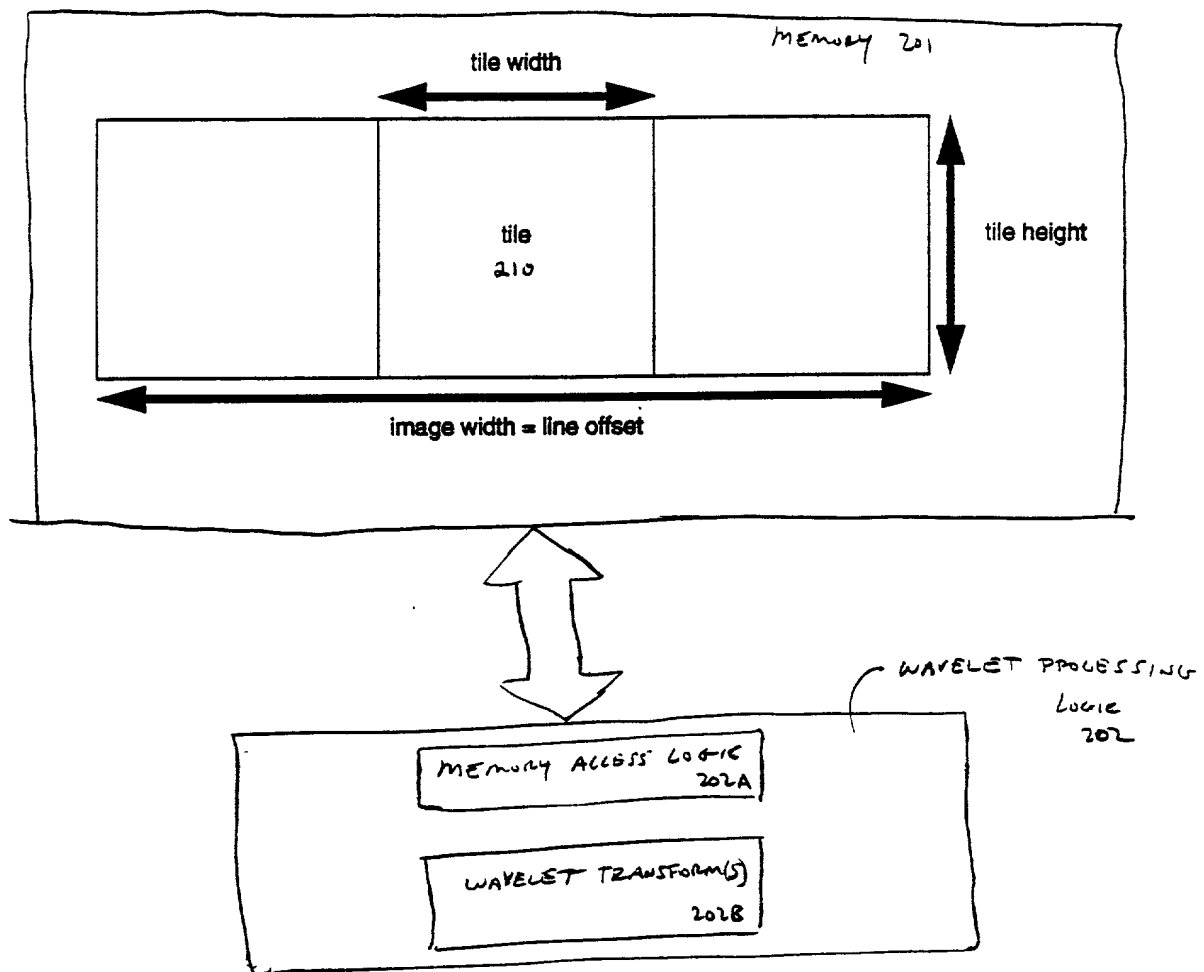


Figure 2

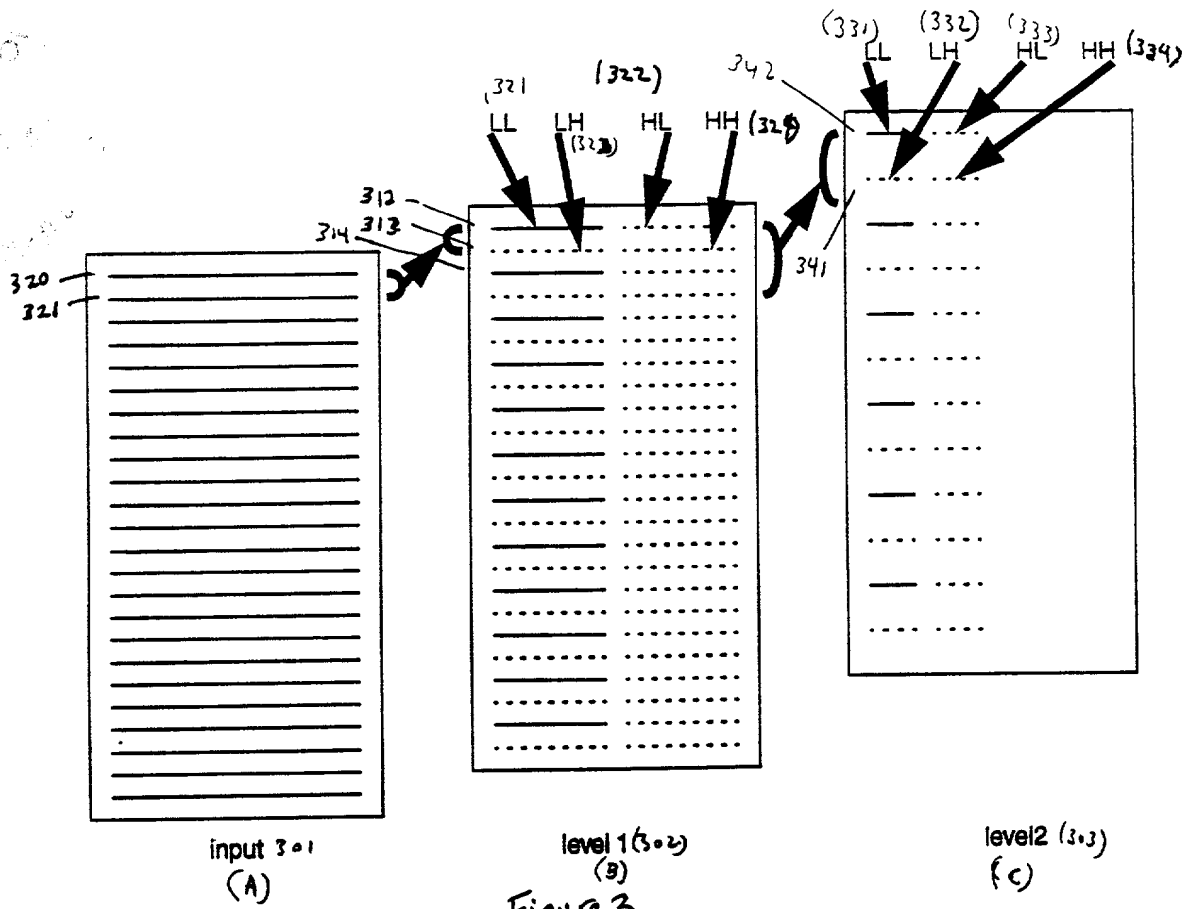


Figure 3

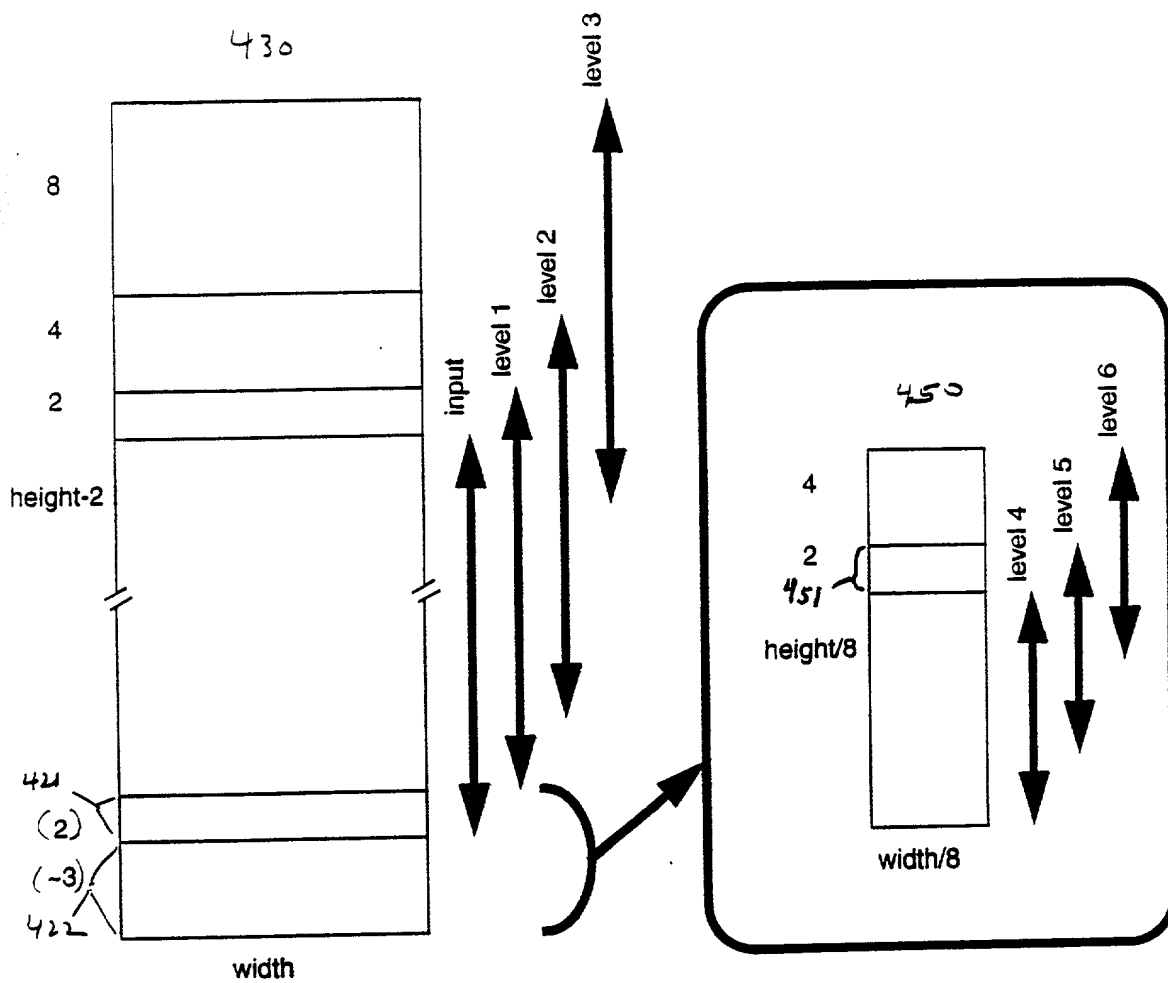


Figure 4 A

TOP SECRET 02500860

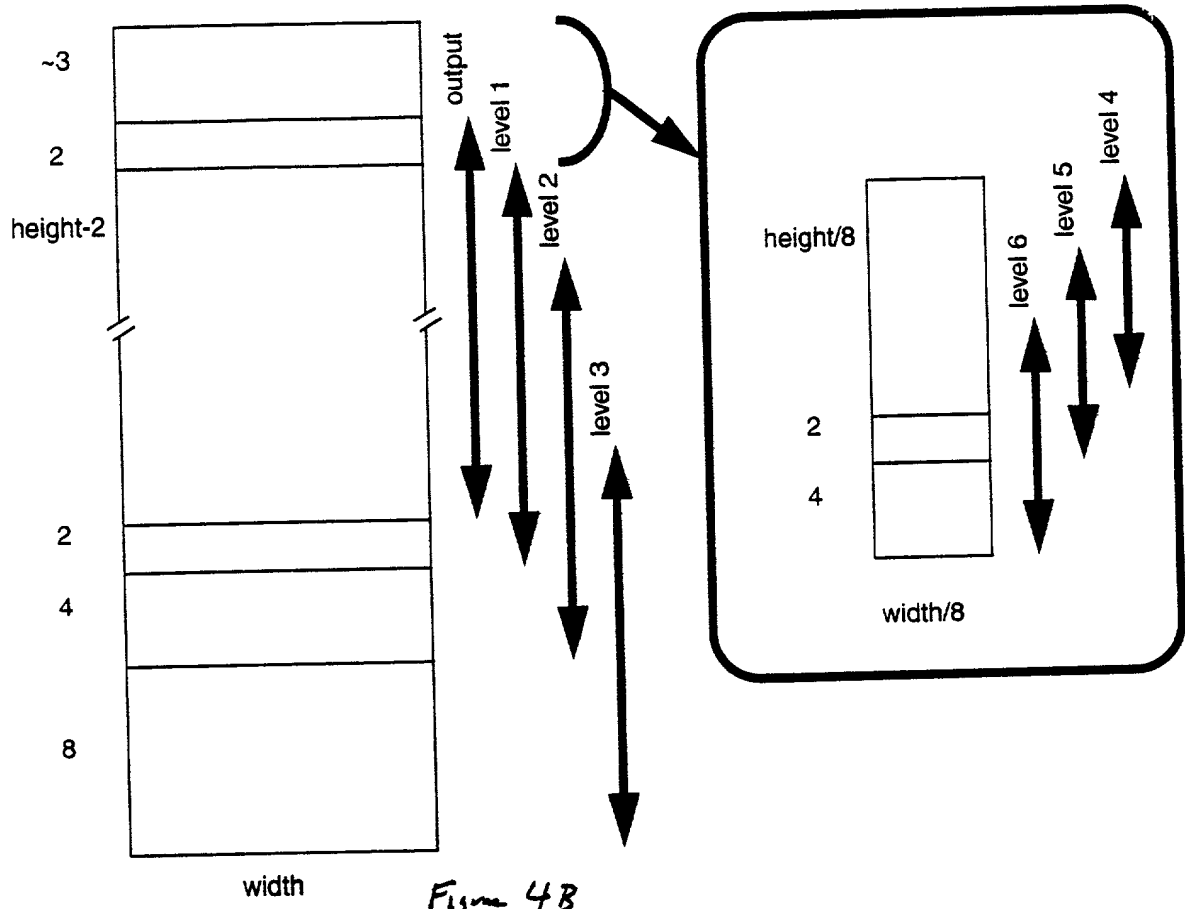


Figure 4B

TOP SECRET 02500860

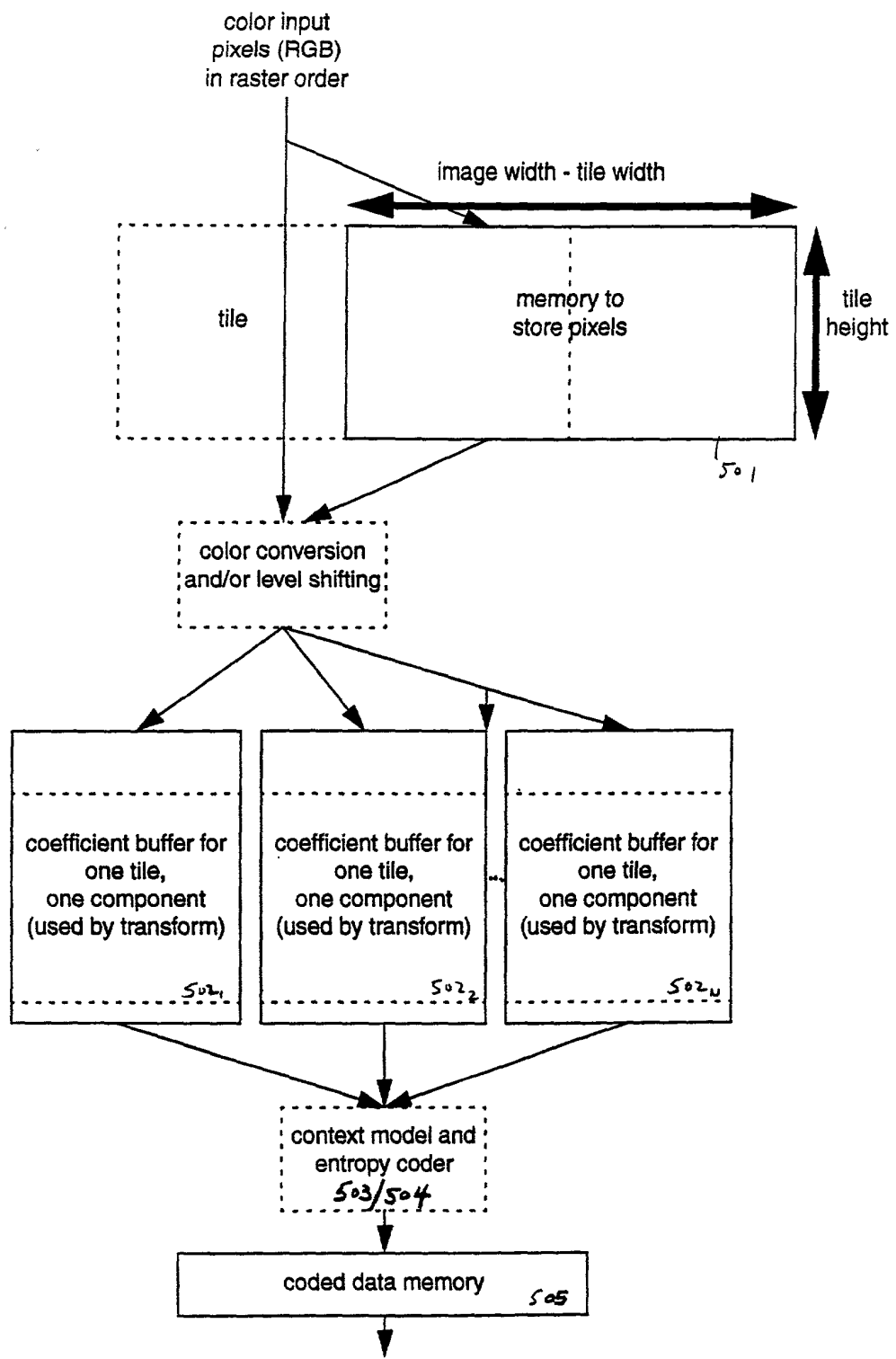


Figure 5

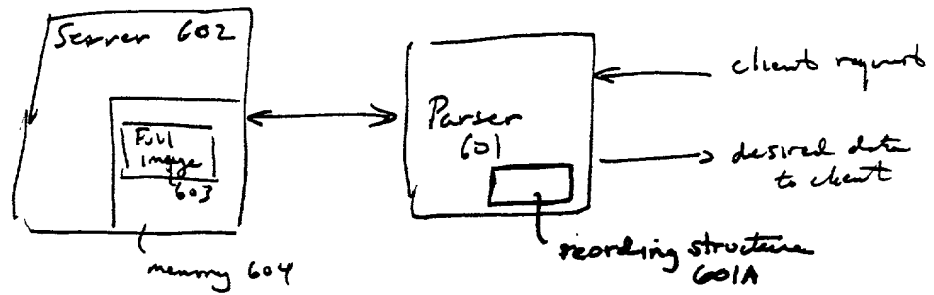


Figure 6A

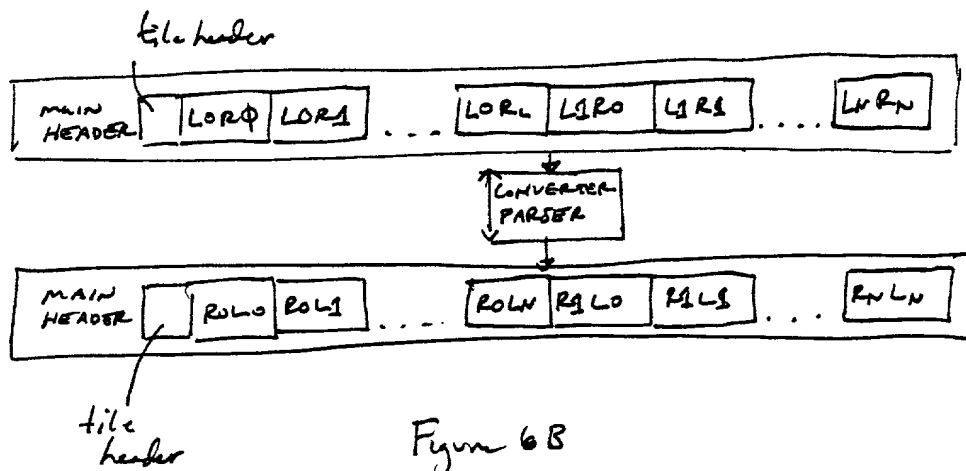


Figure 6B

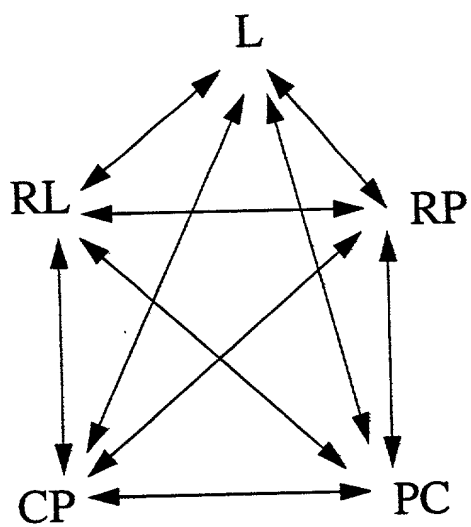


Figure 7A

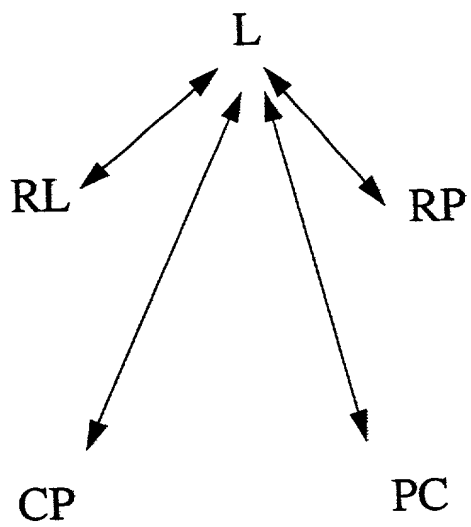


Figure 7B

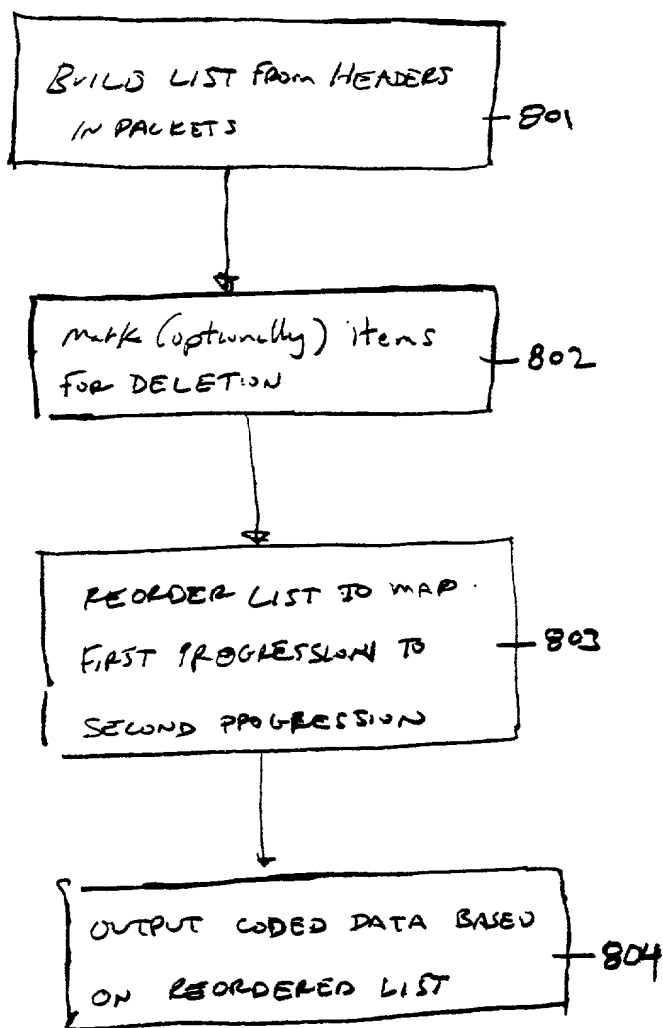


Figure 8

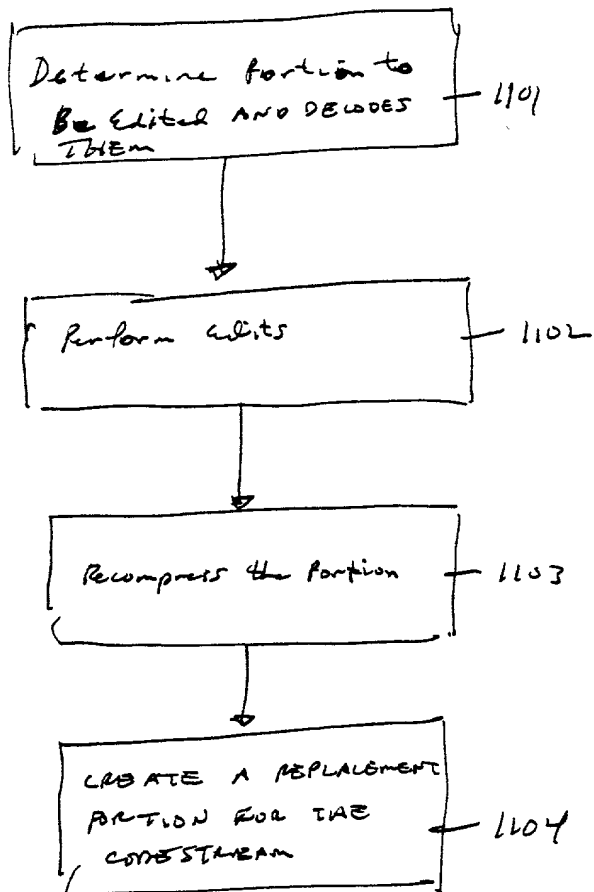


Figure 11

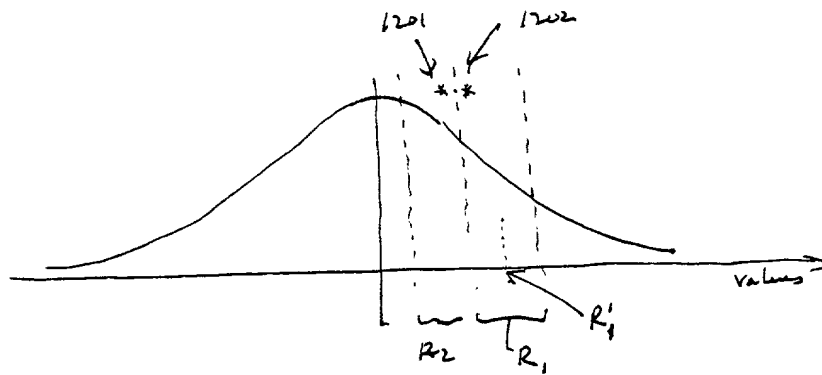


Figure 12

101220 06500860

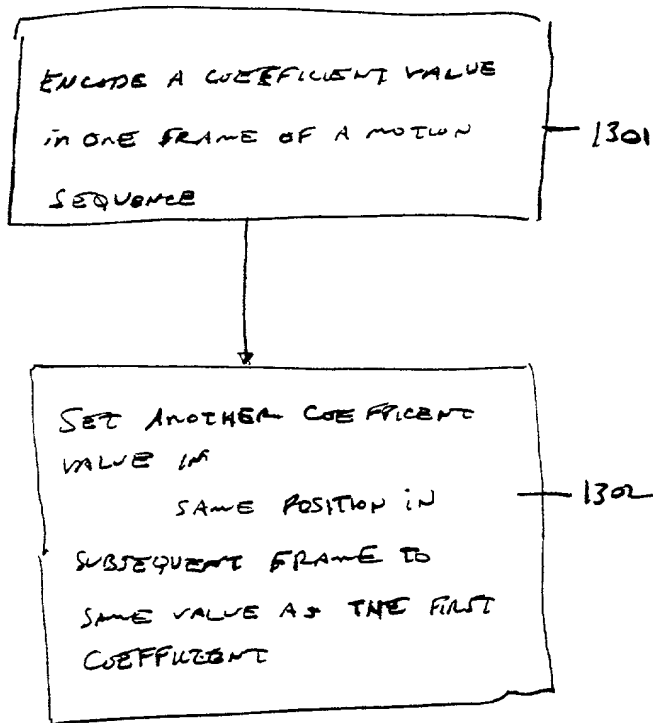


Figure 13

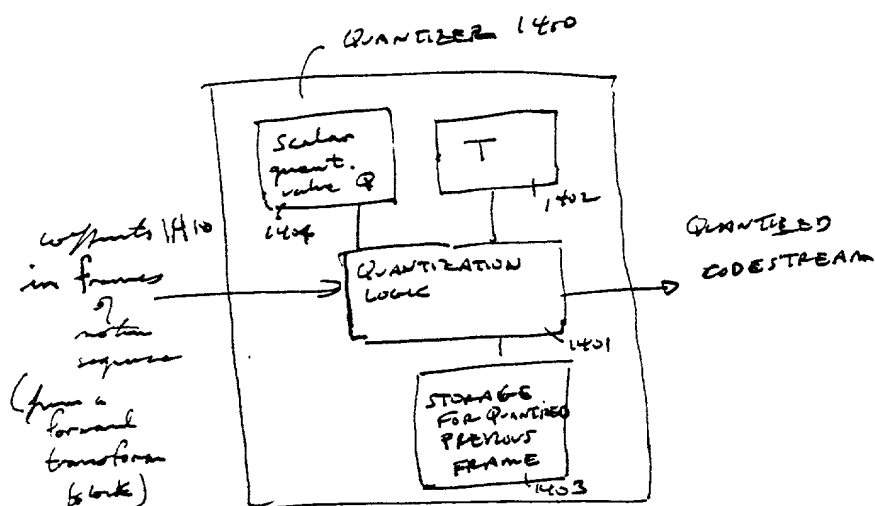


Figure 14

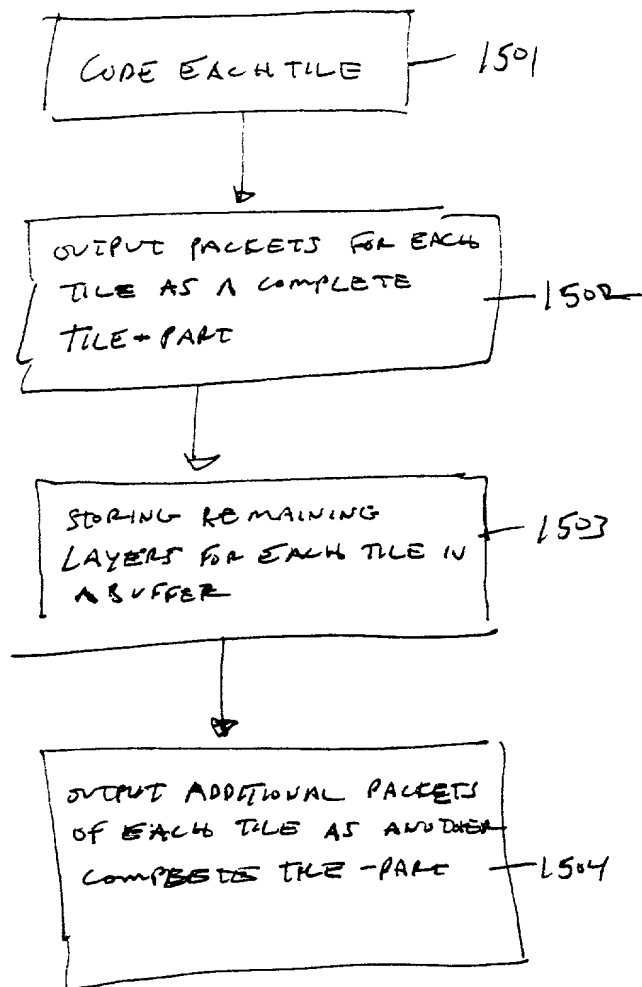


Figure 15 A

09600530.082101

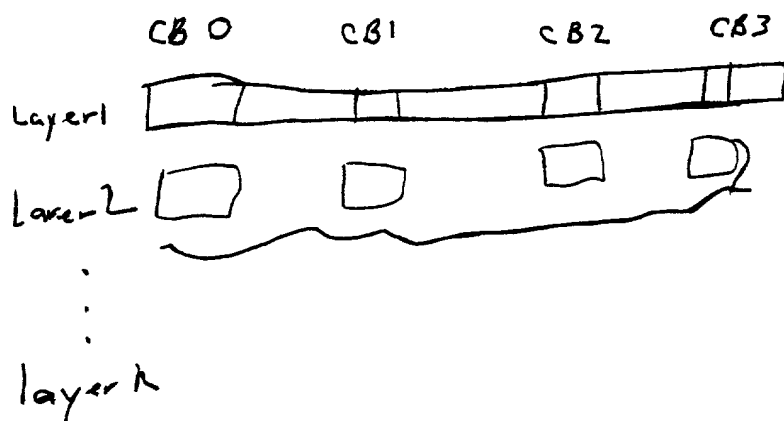


Fig 15B

09800530-082101

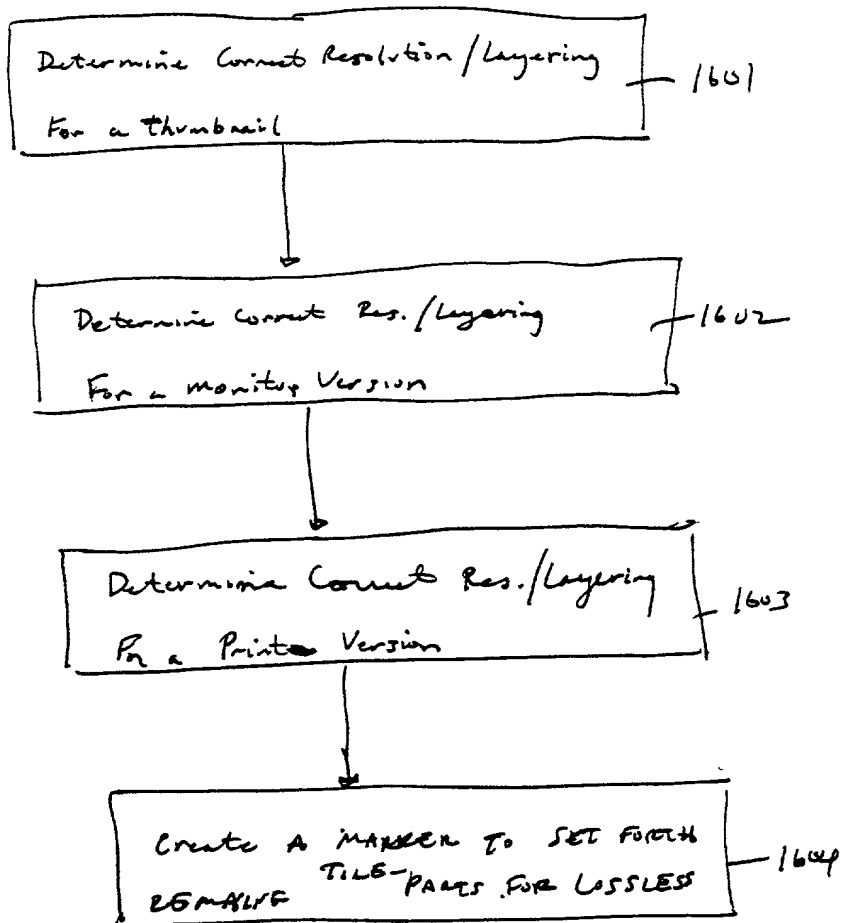


Figure 16

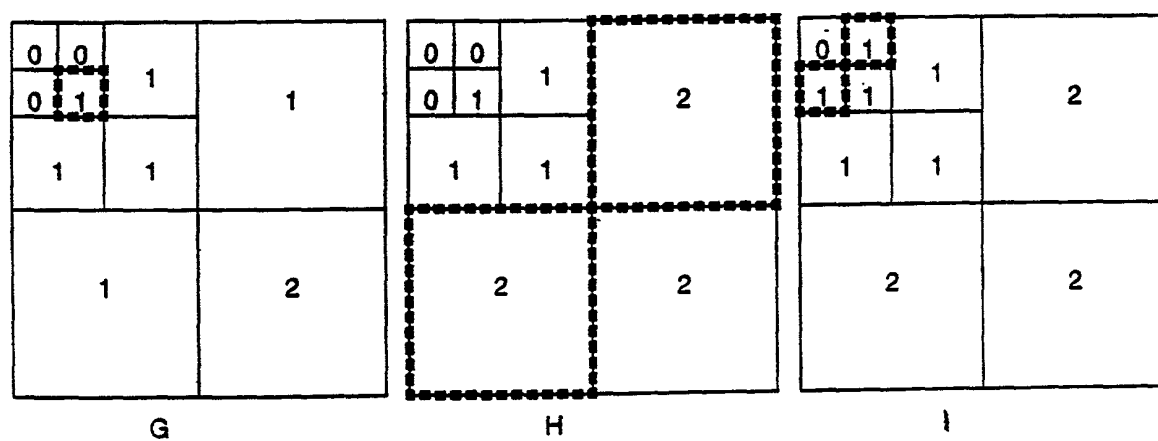
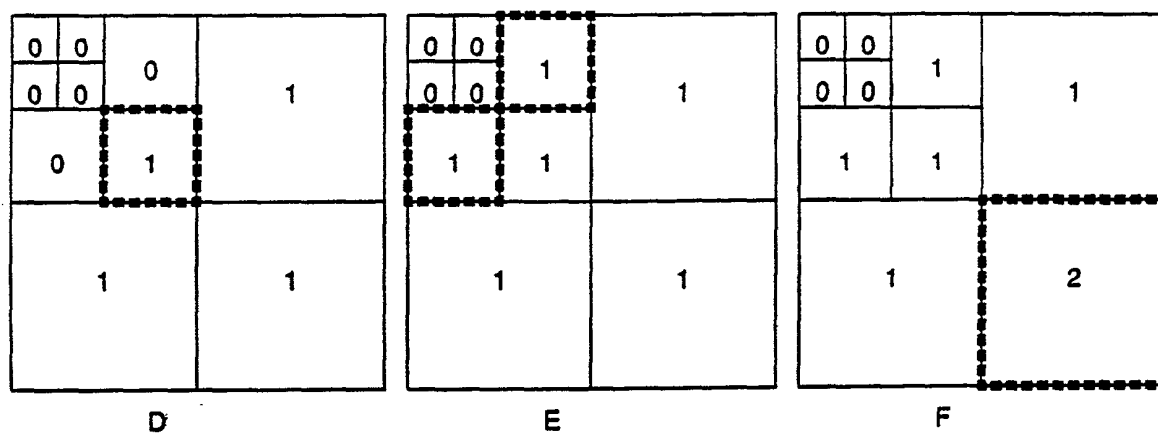
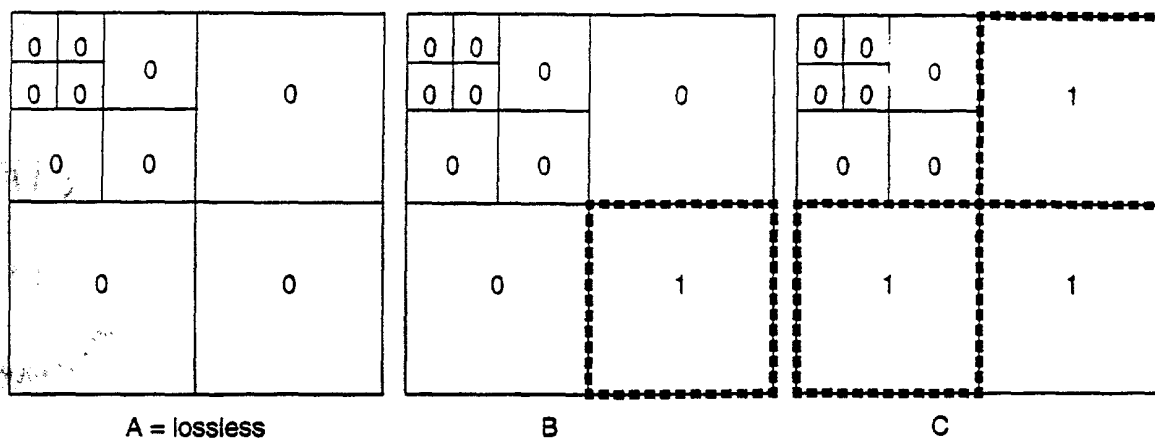


Figure 17

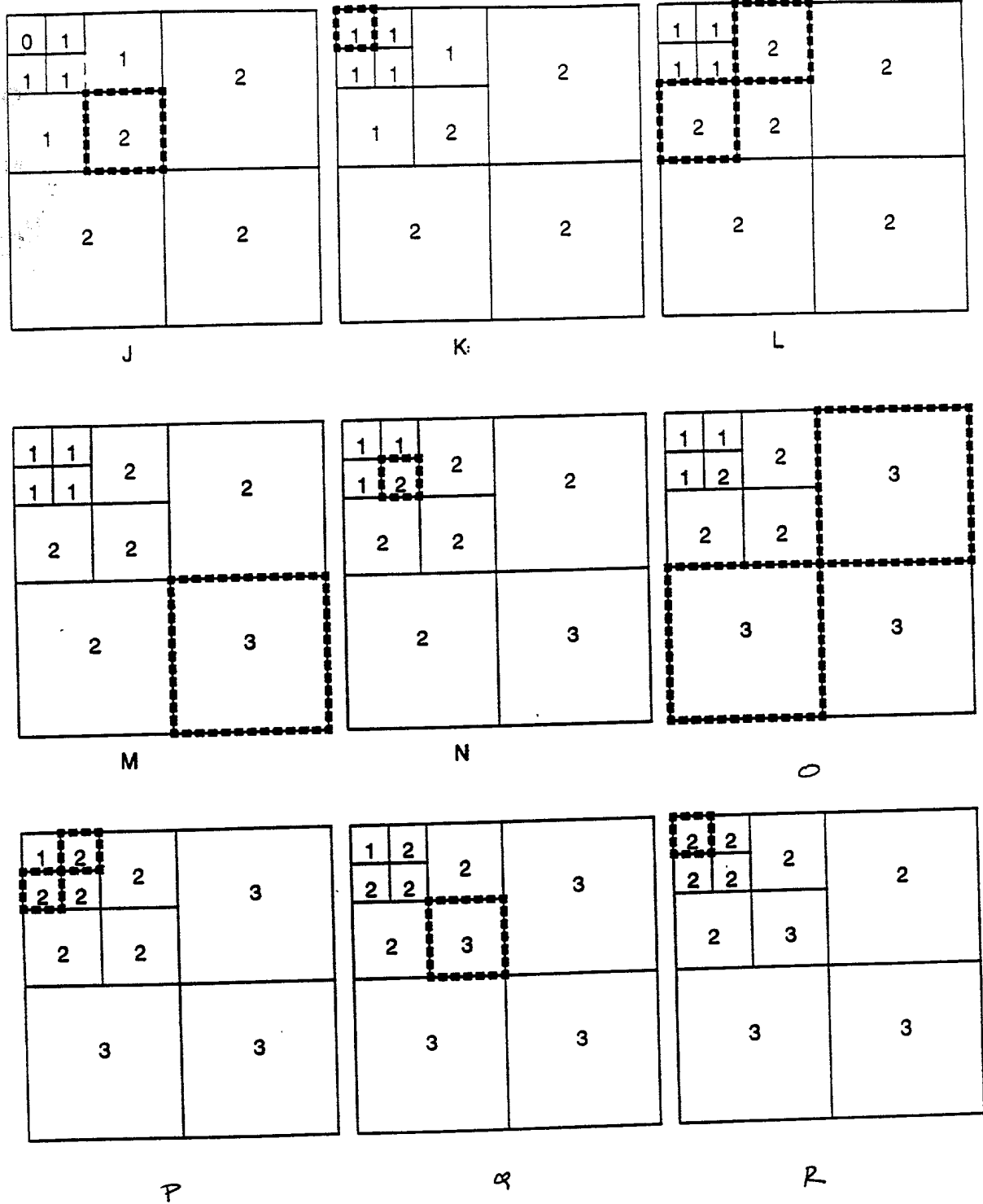


Figure 18

The diagram illustrates the block structure of the luminance and chrominance channels. It is divided into three main sections: luminance, chrominance, and chrominance.

- luminance:** A large block containing a 2x2 grid of sub-blocks. The top-left sub-block is further divided into a 2x2 grid of smaller sub-blocks, each containing the value '0'. The top-right sub-block contains the value '0'. The bottom-left sub-block contains the value '1'. The bottom-right sub-block contains the value '2'.
- chrominance:** A large block containing a 2x2 grid of sub-blocks. The top-left sub-block is further divided into a 2x2 grid of smaller sub-blocks, each containing the value '0'. The top-right sub-block contains the value '2'. The bottom-left sub-block contains the value '2'. The bottom-right sub-block contains the value '3'.
- chrominance:** A large block containing a 2x2 grid of sub-blocks. The top-left sub-block is further divided into a 2x2 grid of smaller sub-blocks, each containing the value '0'. The top-right sub-block contains the value '2'. The bottom-left sub-block contains the value '2'. The bottom-right sub-block contains the value '3'.

The labels 'all' are placed to the right of the chrominance and chrominance blocks, indicating that the entire output of these blocks is used in the subsequent processing steps.

chrominance

2000

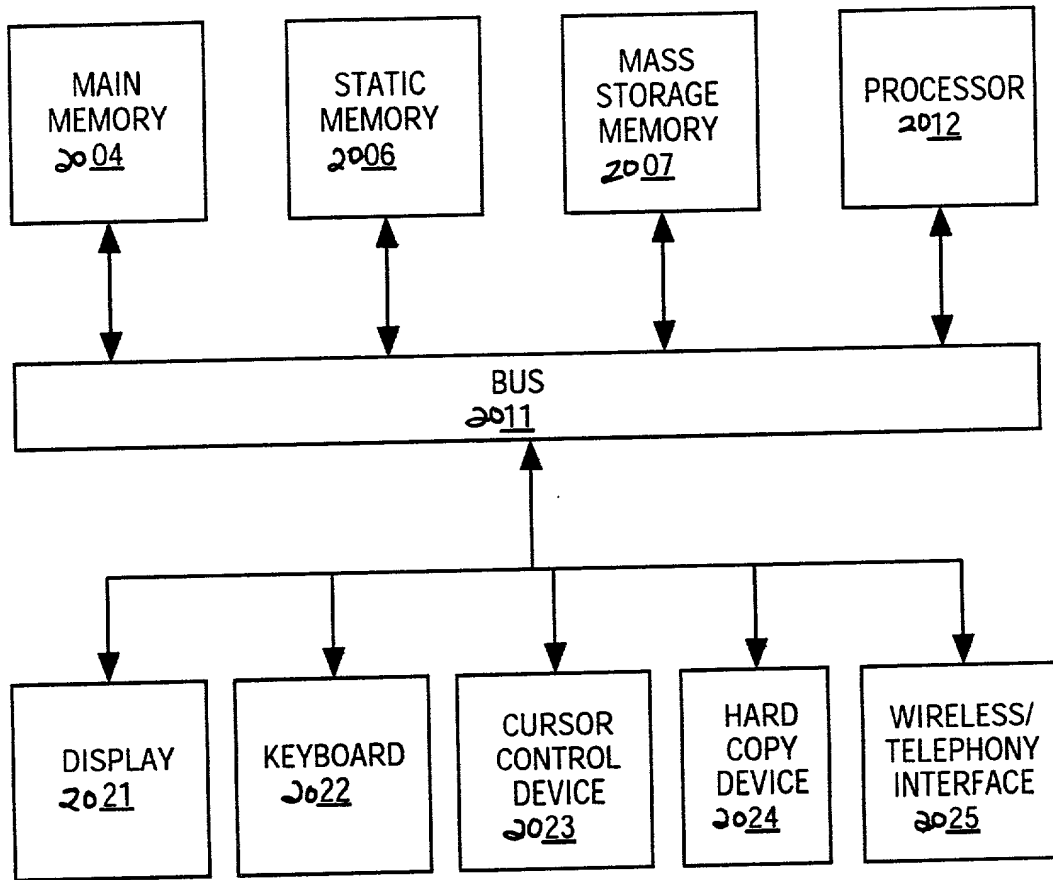


FIG. 20

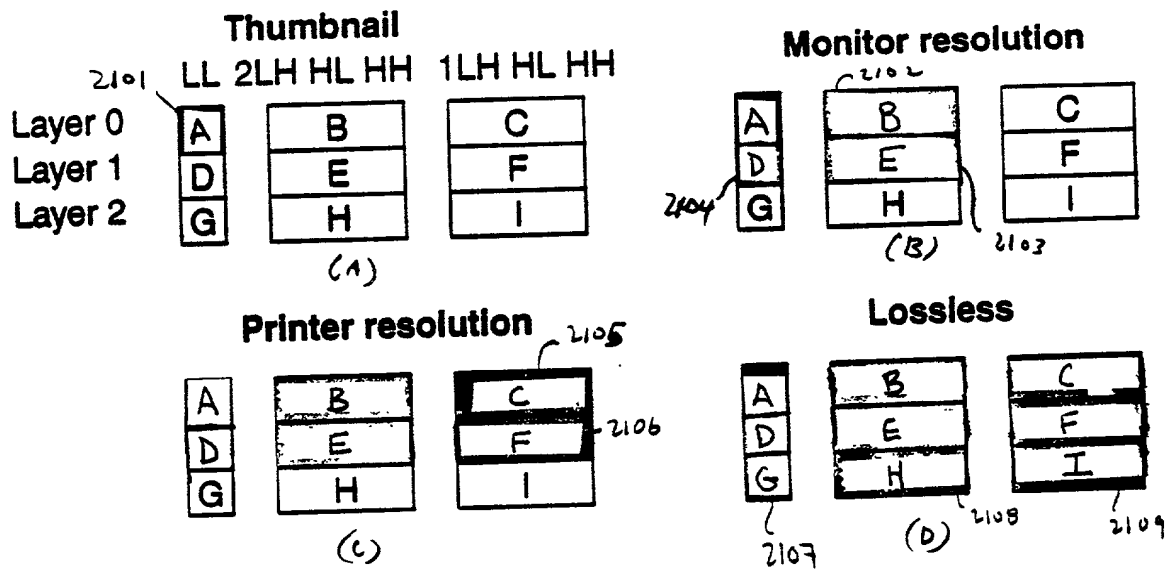


Figure 21

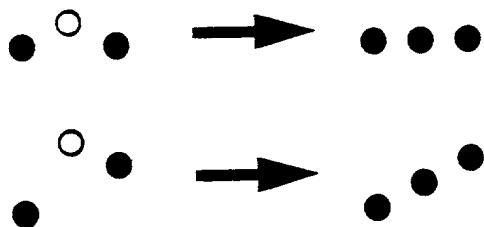


Figure 24

09300530 033101

TYPICAL DECODE OF COLOR IMAGES

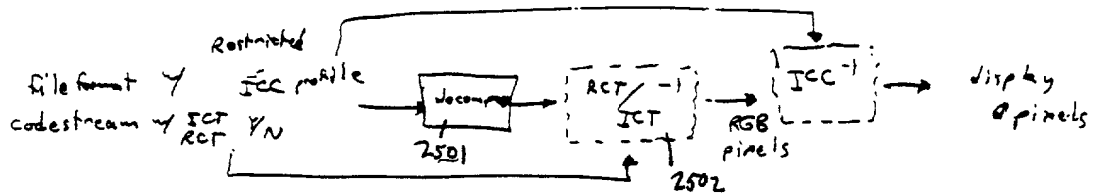


Figure 25

DUMB CAMERA ENCODER

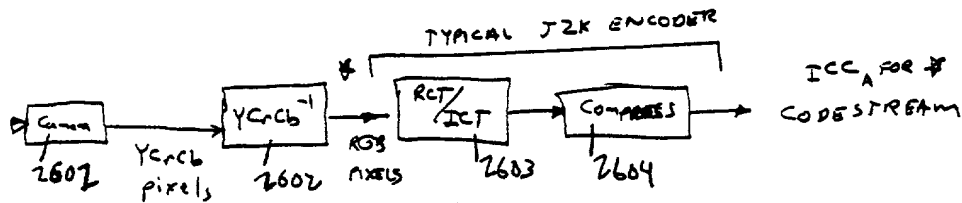


Figure 26

SIMPLE CAMERA ENCODER

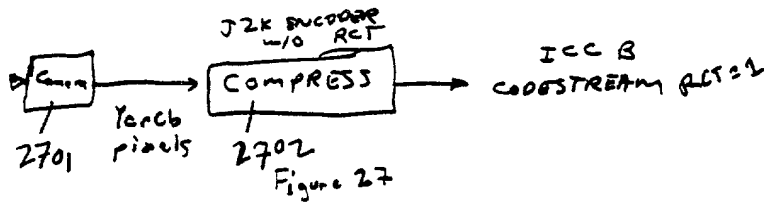


Figure 27

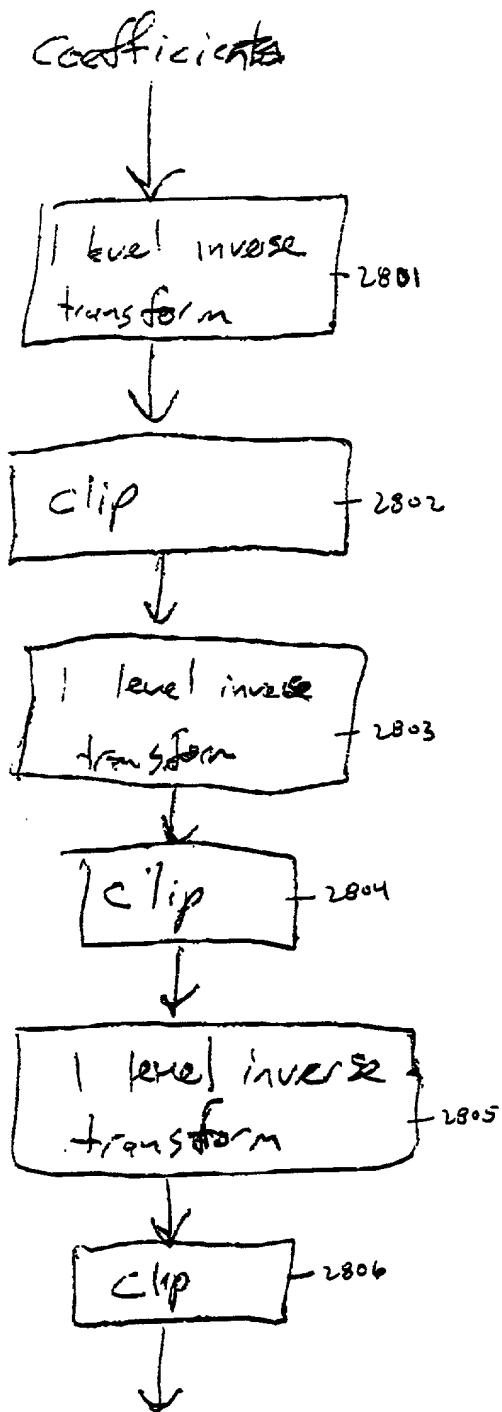


Figure 28